

(19) World Intellectual Property  
Organization  
International Bureau



553699

(43) International Publication Date  
28 October 2004 (28.10.2004)

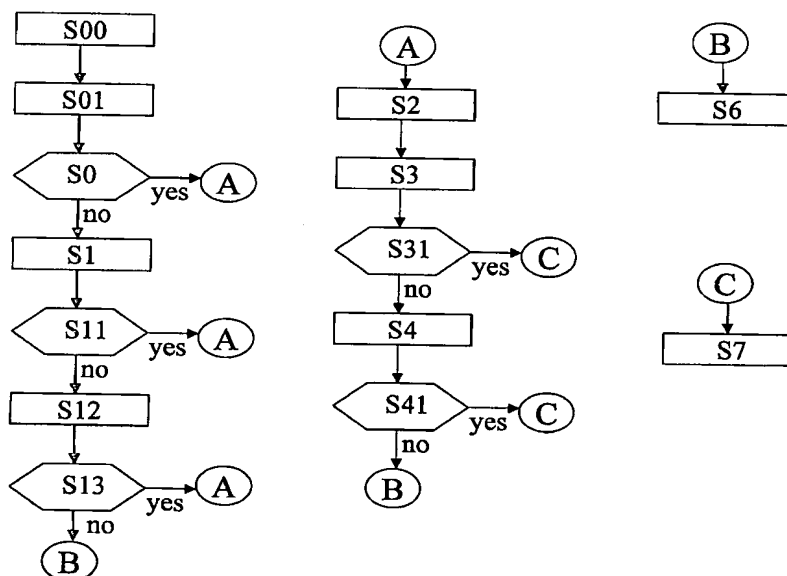
PCT

(10) International Publication Number  
**WO 2004/093376 A1**

- (51) International Patent Classification<sup>7</sup>: **H04L 1/08**, G08B 21/10, 27/00
- (21) International Application Number: PCT/EP2004/002429
- (22) International Filing Date: 10 March 2004 (10.03.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 03290963.2 17 April 2003 (17.04.2003) EP
- (71) Applicant (for all designated States except US): **THOMSON LICENSING S.A** [FR/FR]; 46 Quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **CHAN, Choon, Meng** [SG/SG]; 254 Kim Keat Ave, Unit# 10-106, Singapore 310254 (SG). **CHOO, Hin, Soon** [SG/SG]; Block 312, Sembawang Drive, #06-486, Singapore 750312 (SG). **CHIA, Song, Yong** [SG/SG]; Block 14, Bedok South Avenue 2, #18-580, Singapore 460014 (SG).
- (74) Agent: **THIES, Stephan**; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (DE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD TO DECODE A DATA STRING



(57) Abstract: The invention relates to decode data transmitted via US National Weather Service NOAA Weather Radio (NWR) transmitters or any other data transmitted in a comparable way. According to the invention a method to decode a received data string comprises the steps of locating a predefined significant part of the data string, disregarding an insignificant part of the data string, and further checking only the located significant part of the data string. Decoding according to the proposed algorithm is very reliable.



**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*